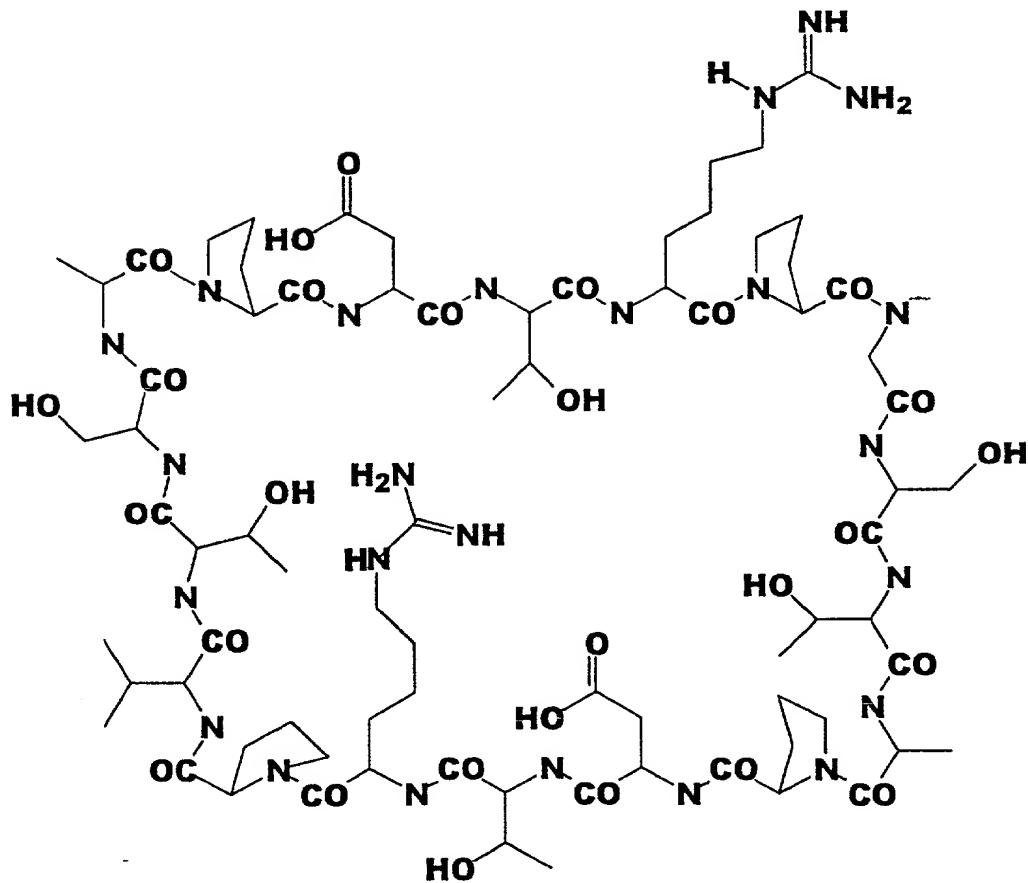


Combinatorial glycopeptides

O₁, O₂, O₃ = Glycosylation sites

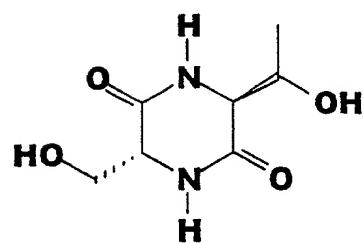
R₁ to R₅ = Side chains that create site specificity

Figure 1

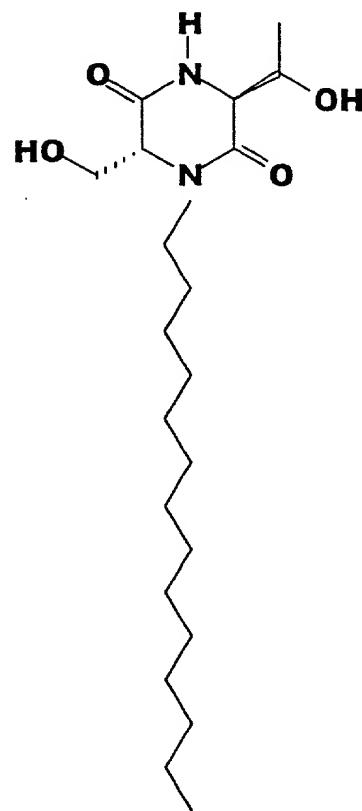


A CYCLIC MUC1 PEPTIDE

Figure 2



THE SIMPLEST CYCLIC PEPTIDE



A SOLUBLE VERSION OF THE ABOVE (with C₁₄ lipid)

Figure 3

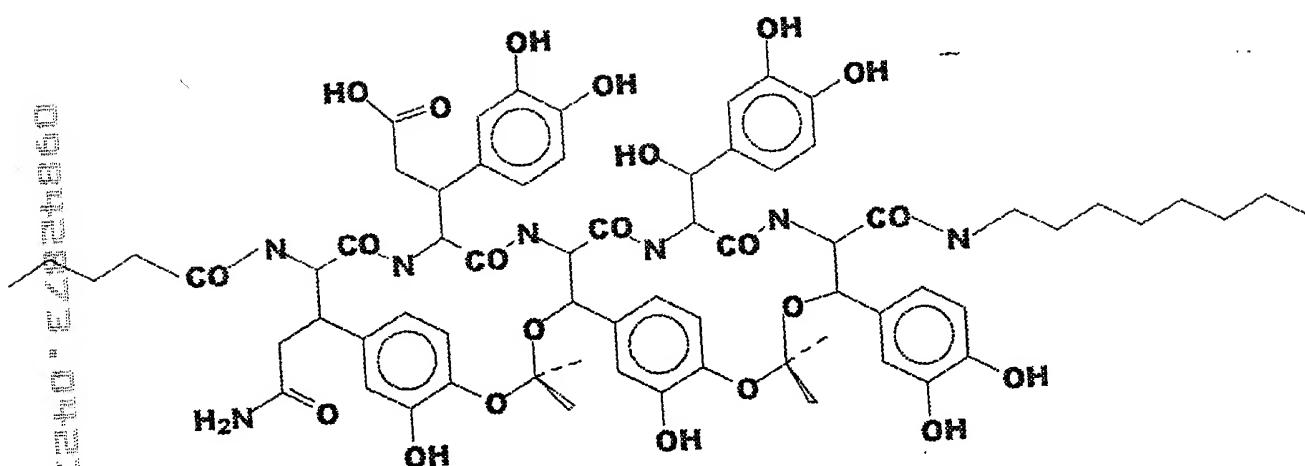


Figure 4

Title: RANDOMLY GENERATED
GLYCOPEPTIDE COMBINATORIAL
LIBRARIES
Inventor(s): R. Rao KOGANTY et al.
Atty. Dkt. No.: 042881/0156
Sheet 5 of 7

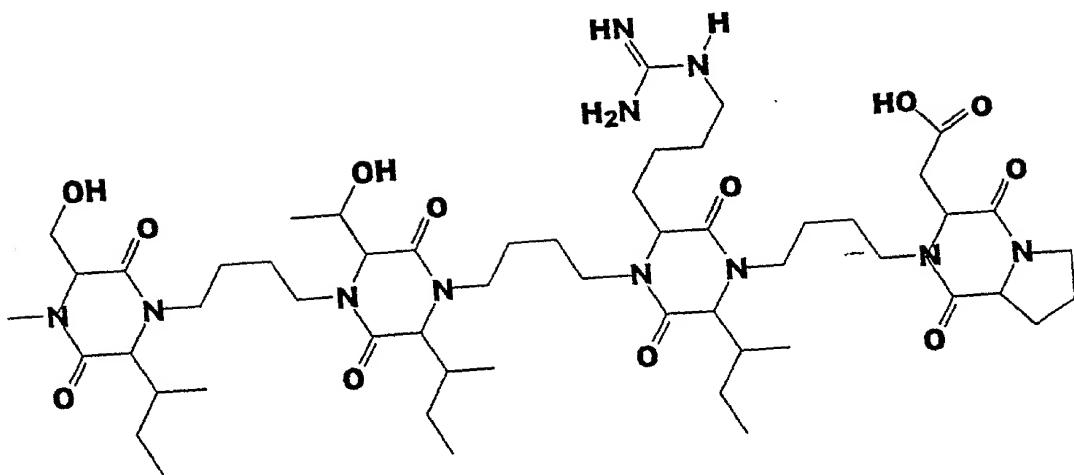
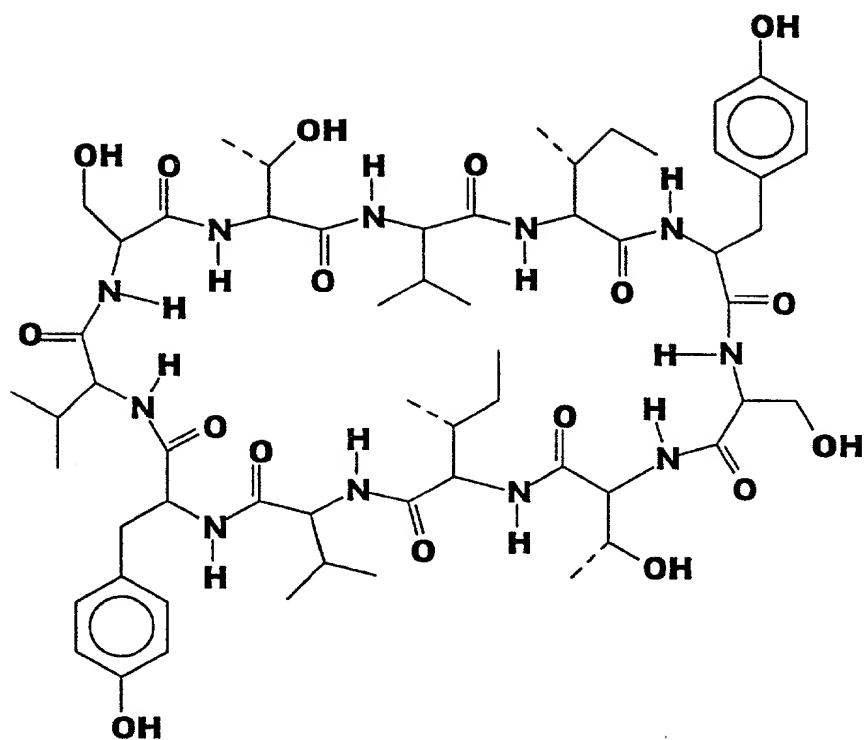


Figure 5



N EXAMPLE OF A CYCLIC PEPTIDE FOR RANDOM GLYCOSYLATIONS
ABILITY OF SUCH PEPTIDES MAY BE ENHANCED BY HYDROPHOBIC GROUPS

Figure 6

FIGURE 8.

Functional Demonstration of Glycopeptide Library
With Well Characterized Monoclonal Antibodies

